Serial No.: 09/782,966

Filed: February 14, 2001

Page : 3 of 11

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method of converting data objects, the method comprising, extracting a plurality of data objects stored in a data source in a first language format,

employing a spatial paradigm to define hierarchical relationships between a-said plurality of data objects based at least in part on said spatial paradigm, and

with a virtual space by locating each of said plurality of data objects in a said virtual space, based at least in part on said spatial paradigm, to provide said plurality of data objects in said second language format being a format adapted for substantially unrestricted searching by a user in said virtual space.

- 2. (original) The method of claim 1 further comprising employing a template related to said spatial paradigm to define said hierarchical relationships between said plurality of data objects, and performing said converting step based at least in part on said template.
- 3. (original) The method of claim 1 further comprising defining an appearance for each of said data objects in said plurality of data objects, said appearance containing a virtual representation of one or more elements of said data objects arranged employing said spatial paradigm.

BEST AVAILABLE COPY

Serial No. : 09/782,966
Filed : February 14, 2001

Page : 4 of 11

4. (currently amended) The method of claim 3 <u>1</u> further comprising employing vector graphics in defining said virtual representation enabling a client device to display said data objects represented using said second language format..

- 5. (currently amended) The method of claim 3 further comprising employing raster graphics in defining said virtual representation enabling a user to define a style parameter for said data objects represented using said second language format.
- 6. (original) The method of claim 3 further comprising,

generating for display from an adjustable viewing perspective of said user said appearance of a subset of said plurality of data objects, and

enabling said user to navigate said data objects in a substantially unrestricted fashion.

- 7. (currently amended) The method of claim 1 further comprising storing said <u>converted</u> plurality of data objects in a second data source.
- 8. (original) The method of claim 7, wherein said second data source is said first data source, said step of storing further comprising,

deconstructing at least one prior hierarchical relationship between said plurality of data objects, and

replacing said plurality of data objects with said converted format of said plurality of data objects.

9. (original) The method of claim 2 wherein the step of employing a template further comprises employing a prior existing hierarchical relationship between said plurality of data objects.

BEST AVAILABLE COPY

Serial No. : 09/782,966
Filed : February 14, 2001

Page : 5 of 11

10. (original) The method of claim 1, wherein said step of defining said hierarchical relationship further comprises,

comparing each of said plurality of data objects to a predetermined criterion, and establishing a hierarchical relationship between said plurality of data objects based in part on said comparison of each of said data objects to said predetermined criterion.

11. (original) The method of claim 1 further comprising, in response to said plurality of data objects including an advertisement,

defining a graphical representation of said advertisement in said virtual space, wherein selection of said graphical representation by a user results in the display of graphical representations of data objects related to said advertisement.

12. (original) The method of claim 1 further comprising, in response to said plurality of data objects including an advertisement,

defining a graphical representation of said advertisement in said virtual space, wherein said graphical representations of said data objects can be displayed on a plurality of client devices.

13. (currently amended) A system of converting data objects, the system comprising, a computing device adapted

to extract a plurality of data objects stored in a data source in a first language format,

to employ a spatial paradigm to define hierarchical relationships between a said plurality of data objects based at least in part on said spatial paradigm, and to convert said plurality of data objects to a second language format associated with a virtual space by locating each of said plurality of data objects in

BEST AVAILABLE COPY

Serial No. : 09/782,966

Filed: February 14, 2001

Page : 6 of 11

a said virtual space, based at least in part on said spatial paradigm, to provide said plurality of data objects in said second language format being a format adapted for substantially unrestricted searching by a user in said virtual space, and enabling a client device to display said data objects represented using said second language format.

14. (currently amended) The system of claim 13 further adapted

to employ a template related to said spatial paradigm to define said hierarchical relationships between said plurality of data objects, and

performing to perform said converting step based at least in part on said template.

- 15. (original) The system of claim 13 further adapted to define an appearance for each of said data objects in said plurality of data objects, said appearance containing a virtual representation of one or more elements of said data objects arranged employing said spatial paradigm.
- 16. (original) The system of claim 15 further adapted to employ vector graphics in defining said virtual representation.
- 17. (original) The system of claim 15 further adapted to employ raster graphics in defining said virtual representation.
- 18. (original) The system of claim 15 further adapted

to generate for display, from an adjustable viewing perspective of said user, said appearance of a subset of said plurality of data objects, and

to enable said user to navigate said data objects in a substantially unrestricted fashion.

Serial No. : 09/782,966 Filed : February 14, 2001

Page : 7 of 11

19. (original) The system of claim 13 further adapted to store said plurality of data objects in a second data source.

20. (original) The system of claim 19, wherein said second data source is said first data source, further adapted

to deconstruct at least one prior hierarchical relationship between said plurality of data objects, and

to replace said plurality of data objects with said converted format of said plurality of data objects.

Claims 21-27 (canceled)